

THE BULLETIN

UNIVERSITY OF TORONTO

SEPTEMBER 26, 2005 • 59TH YEAR • NUMBER 4

USW Members Ratify Contract

By Elaine Smith

ADMINISTRATIVE STAFF REPRESENTED by United Steelworkers, Local 1998, voted Sept. 19 to ratify a new three-year collective agreement with the University of Toronto.

Of the 1,671 members who cast votes, 94.7 per cent voted in favour of the agreement, hammered out Sept. 12 after a week-end of intense negotiations. The previous agreement expired June 30. On Sept. 8, union members voted in favour of strike action if no deal was reached by Sept. 12.

Professor Angela Hildyard, vice-president (human resources and equity), said the university administration was pleased with the outcome of the vote.

"We are very pleased that we've reached a collective agreement that we think is responsive and responsible," she said. "It's a

three-year agreement, so it will also bring some stability for us."

Allison Dubarry, president of Local 1998, also expressed satisfaction. "I'm pleased," she said. "Obviously, there is always more that can be done but I think we were able to get a contract without concessions. The membership got us the contract because they demonstrated they were clearly behind us. They made it clear they wanted a fair deal."

Dubarry said she was especially pleased by the wage increase of three per cent for each year of the agreement and by improvements to the pension plan. The new agreement provides for a pension based on the highest average earnings in an employee's three best years up to the Canada Pension Plan maximum salary multiplied by 1.6 per cent, rather

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McCulloch, Till Win Lasker Award

By Elaine Smith

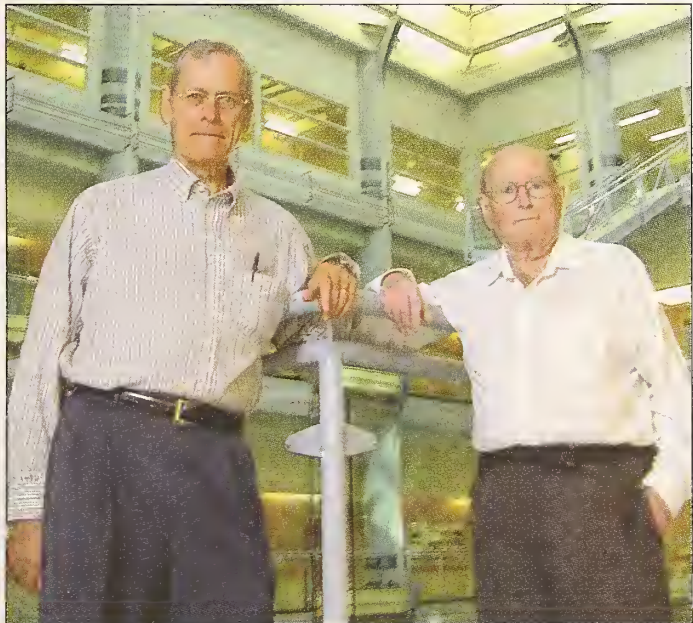
THE U OF T RESEARCHERS WHO discovered the first stem cell are the recipients of the 2005 Lasker Award for basic medical research, one of the most prestigious research prizes awarded in the United States.

The research done four decades ago by University Professors Emeriti James Till and Ernest McCulloch laid the foundation for all current work on adult and embryonic stem cells.

Till, a biophysicist, and McCulloch, a hematologist, joined the University of Toronto in the late 1950s and started work at the Ontario Cancer Institute at about the same time. The two men, who still have a good working relationship after almost 50 years, first identified a stem cell in the blood forming system and established the properties of such cells, which still hold true today.

The two researchers laid the

-See McCULLOCH Page 2-



University Professors Emeriti James Till (left) and Ernest McCulloch



Ever wonder what an album cover for the chicken dance looked like in the 1970s? Here's your chance to find out. Some 175 album covers capturing dance moves from the 1940s to the 1980s, like the one pictured here, are on display at Robarts Library's second-floor exhibition area until Nov. 1. The exhibition is curated by the Media Commons.

EYE OF THE STORM

Student evacuees find safe harbour at U of T

By Michah Rynor

THEY SAY THAT EVERY CLOUD HAS A SILVER LINING, and in the wake of hurricane Katrina, a handful of American students have found that silver lining right here at U of T.

Like a number of North American universities, U of T administrators agreed to waive tuition fees and find accommodation for American students who lost their semester as a result of the devastating hurricane that struck Aug. 29.

"Our goal is to assist in returning some sense of normalcy for the students and to help our sister universities in the U.S. resume normal operations as soon as possible," says Professor Vivek Goel, acting president and vice-president and provost, in a statement.

Tim Steinhelsner, a 19-year-old Tulane University psychology (pre-law) student, is one of the six new faces on campus as a result of Katrina. When the evacuation order came, Steinhelsner grabbed a couple of changes of clothing, threw them into a gym bag and drove to Houston with a friend to wait out the storm, not realizing the severity of the situation.

"Everyone at Tulane was sad and shocked but we didn't have much time to think about it because we had to scramble to find a university to go to," says Steinhelsner, who is originally from Ohio. "This is only going to be for four months [the latest update

from Tulane anticipates a January reopening] so I wanted to see a city and culture I didn't know much about," he says. "I applied to five Canadian cities and picked U of T."

He admits that, like many Americans, he didn't know much about Canada and had never been to this country before "but my political science prof at Tulane teaches his students that Toronto is the best example in the world of a truly multicultural city. Other than that, most Americans know that Canada is that country to the north and that's it."

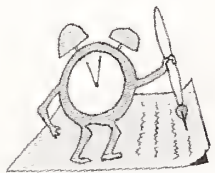
And while he "loves" Toronto, especially the downtown Yonge, Bloor and Church Street districts, he sees numerous differences between T.O. and the Big Easy.

"U of T is a much bigger university of course and the culture of the students here is different as well," he says. "One thing I've noticed is that walking down the sidewalks I hear students still carrying on the academic discussions from class, which is something I don't hear at Tulane. Also, New Orleans is much more laid back than Toronto. For example, a bus driver may stop the bus, use the washroom, buy a coffee and then have a conversation with the neighbours — which would get weird looks here."

David Wand, another evacuee is, ironically, Ottawa-born and Toronto-raised. A grad student in

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IN BRIEF



CENTRE FOR ENVIRONMENT LAUNCHED

U OF T'S NEW CENTRE FOR ENVIRONMENT IS UP AND RUNNING AFTER industry and local agency representatives joined the U of T community to launch the long-awaited unit. The centre is designed to be the new access point for environmental programs and meeting place for environmental experts on campus. It merges the former Institute for Environmental Studies, the Division of the Environment and the Innis College environmental studies program into one centralized unit. "The whole will be more than the sum of its parts, as any environmental project should be," said Professor Ingrid Stefanovic, director of the centre. Professor John Challis, vice-president (research) and associate provost, added, "What we refer to as the environment concerns all of us. The centre will help us understand this complex topic by bringing diverse scholars together and can open new avenues for environmental concern in such fields as law, business and culture. We look forward to nurturing this initiative and watching it flourish and grow."

\$17.1 MILLION FOR KNOWLEDGE AND TECHNOLOGY TRANSFER ANNOUNCED

FEDERAL INDUSTRY MINISTER DAVID EMERSON AND HEALTH MINISTER UJJAL Dosanjh announced grants worth \$17.1 million over three years Sept. 20 to accelerate the transfer of knowledge and new technology being developed in Canadian universities, hospitals and colleges for use in the Canadian economy. These grants are intended to strengthen interactions among publicly funded research institutions through the support of regionally based networks; the 16 network awards will provide the essential resources for research-intensive institutions to develop the critical mass of expertise, tools and resources to manage and protect intellectual property, to encourage entrepreneurship and to make industry more aware of the knowledge and resources at their disposal. Six internship programs will also be funded.

PHARMACY STUDENTS WELCOMED INTO THE PROFESSION

THE 241 MEMBERS OF THE CLASS OF 2009 AT THE LESLIE DAN FACULTY OF Pharmacy took an oath of professionalism last week in a ceremony at the Isabel Bader Theatre. The future pharmacists promised to adopt professional and ethical behaviour, to maintain the highest ideals of patient care and to pursue professional competence through continual learning. Associate Dean Lesley Lavack served as emcee while Dean Wayne Hindmarsh and speakers from the Ontario College of Pharmacists and the Ontario Pharmacists' Association urged the class to take their ethical responsibilities seriously. Faculty members and students from other pharmacy classes assisted students in donning the white coats that Lavack called symbols of "humanistic values and commitment to your chosen profession." Before the group recited the oath, Professor Emeritus Ernst Stieb charged them with the obligation "to serve the public good as well as you can and to maintain the honour of the profession."

AWARDS & HONOURS

FACULTY OF APPLIED SCIENCE & ENGINEERING

PROFESSOR PARHAM AARABI OF ELECTRICAL AND COMPUTER engineering has been named among the world's top 35 innovators under the age of 35 by the Massachusetts Institute of Technology's prestigious *Technology Review* magazine in recognition of the profound impact of his work on the way we live and work. Founded in 1899, *Technology Review's* mission is to promote the understanding of emerging technologies and analyse their commercial, economic, social and political impact on business and technology leaders.

FACULTY OF ARTS & SCIENCE

PROFESSOR JEFFREY ROSENTHAL OF STATISTICS HAS BEEN named a fellow of the Institute of Mathematical Statistics, an honour that recognizes his outstanding contributions to the theory and practice of Markov chain Monte Carlo algorithms, to the study of geometric ergodicity and for original contributions to substantive applied problems. Rosenthal was inducted as a fellow at a ceremony Aug. 8 during the joint statistical meetings in Minneapolis, Minn. The society has 4,100 active members throughout the world and approximately 10 per cent have earned the status of fellowship.

PROFESSOR GOPALAN SRINIVASAN OF GEOLOGY IS THE recipient of a BM Birla Science Prize, awarded annually for outstanding original contributions in

mathematics, physics, biology and chemistry by young Indian scientists who are not more than 40 years old. The awards are given by the BM Birla Science Centre in Hyderabad, India, and will be presented today (Sept. 26) in Hyderabad.

OFFICE OF THE PRESIDENT

PROFESSOR DAVID NAYLOR, PRESIDENT-DESIGNATE, IS THE recipient of the 2005 Defries Award, the highest honour given by the Canadian Public Health Association. Naylor was recognized for his work as chair of the national advisory committee on SARS and public health. Named for Dr. Robert Davies Defries, a pioneer in public health education, health and policy, the award is presented to members who have made outstanding contributions in the broad field of public health. Naylor received the award Sept. 19 at a reception held in Ottawa.

U OF T AT SCARBOROUGH

PROFESSOR MAYDIANNE ANDRADE OF LIFE SCIENCES AT U of T at Scarborough is listed as one of the Brilliant 10 by *Popular Science* in its fourth annual Brilliant 10 feature in the October 2005 issue. This year's list includes "the most dynamic, innovative and promising young researchers North America has to offer," the magazine stated in releasing its list. Andrade's research into the cannibalistic mating ritual of Australian redback spiders offers new insights into mate choice and sperm competition.

USW Members Ratify Contract

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than 1.5 per cent.

"The median salary for our members is about \$46,000, so for about half our members, getting the multiplier up has huge implications," she said.

Hildyard also lauded the agreement's provisions for up to three days annually of professional development for staff, its sensitivity to return-to-work issues for staff who have been ill and improved accommodations for staff with disabilities. Christina Sass-Kortsak, assistant vice-president (human resources), echoed her sentiments.

"The agreement shows our strong commitment to career development for administrative

staff," she said. "In the language it's clear what we're aiming for is to provide staff with the kind of development they need to have fulfilling careers at the university. That's linked directly to the Stepping Up plan's objective of recruiting and retaining excellent staff and being an employer of choice."

Sass-Kortsak also highlighted the new language on accommodation. "It's important that we are very committed to accommodating the disabilities that employees at the university may have or may acquire and that we've put in place language to help us to work together to maximize opportunities for staff who might have

disabilities," she said. "It's part of our broader commitment to equity."

Other provisions of the agreement include:

- Elimination of two steps on the current 10-step wage grid, allowing employees to reach the top step in their pay scale groups sooner;
- Improved vision care, with a maximum of \$250 over 24 months;
- Pregnancy leave increased by one week; leave for primary caregiver and adoption increased by five weeks; two additional days of bereavement leave; and
- Simplification of the grievance procedure

McCulloch, Till Win Lasker Award

-Continued From Page 1-
foundation for the isolation of stem cells and for the detection of proteins that help these precursor cells develop and mature. Their discoveries explained the underlying principles of bone marrow transplantation, which is now widely used to prolong the lives of patients with leukemia and other blood cancers. Their work also helped transform the field of hematology from an observational science to a quantitative experimental discipline.

The two men credit U of T for a measure of their success. "I think the University of Toronto and its emphasis on research was essential to what we were doing," McCulloch said. "It attracted the young men and women who would be excellent graduate students and make original contributions to research. It

supplied an environment that was very supportive and helped in many ways as we proceeded to do our work."

Till, who remains a senior fellow at Massey College, also lauded U of T's intellectual strengths.

"If one has a problem that requires particular expertise, my experience is that one can find somebody who is a world authority in that area at U of T," he said. "And because of the collegial atmosphere that exists at the University of Toronto, one could easily go and talk to that person and get their advice and they would provide it willingly. This is something that is crucial if one is going to do creative work, and we were fortunate to have that."

The high regard in which the pair holds U of T is mutual. "I can't think of two scholars more deserving of this prize than

Ernest McCulloch and James Till," said Professor John Challis, vice-president (research) and associate provost. "We are immensely proud of them and thankful for the incredible contributions they have made to the University of Toronto and to the world. They represent everything we strive for in research and scholarship — innovation, relevancy and commitment."

Till and McCulloch received the award at a Sept. 23 luncheon in New York City, hosted by the Albert and Mary Lasker Foundation. Seventy of the scientists who have received a Lasker Award subsequently went on to receive the Nobel Prize, including 19 in the last 15 years. The two researchers have already won the Gairdner Award, considered Canada's most prestigious prize for medical science research.

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UNIVERSITY OF TORONTO

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WEBSITE: www.newsandevents.utoronto.ca/bulletin

The Bulletin is printed on partially recycled paper. Material may be reprinted in whole or in part with appropriate credit to The Bulletin.

Published twice a month, and once in July, August and December, by the Department of Public Affairs, 21 King's College Circle, University of Toronto, Toronto, M5S 3J3.

EDITORIAL ENQUIRIES: 416-978-6981 • DISTRIBUTION ENQUIRIES: 416-978-2106
ADVERTISING ENQUIRIES: 416-978-2106 • Display advertising space must be reserved two weeks before publication date. FAX: 416-978-7430.

TERMS OF REFERENCE

"The Bulletin shall be a University-wide newspaper for faculty and staff with a dual mandate"

1. To convey information accurately on the official University position on important matters as reflected in decisions and statements by the Governing Council and the administration.

2. It shall also publish campus news, letters and responsible opinion and report on events or issues at the University thoroughly and from all sides."

As approved by Governing Council, Feb. 3, 1988

Innovations Foundation Heads to MaRS

By Paul Fraumeni

AS THE MaRS (MEDICAL AND Related Sciences) complex hosts a series of special events this fall to mark its official opening, what was once a fascinating idea is, five years later, becoming a thriving reality.

And U of T officials are already excited about the possibilities of what the research-business convergence centre will offer.

"There are going to be over 2,000 people working in the MaRS environment who are experts in all the many aspects of the process of bringing innovative university research to the community and the marketplace. U of T needs to be in this environment, rubbing shoulders with these people," said Professor Emeritus Ron Venter, interim director of the university's Innovations Foundation.

The U of T Innovations Foundation (UTIF) — a not-for-profit organization owned by the University of Toronto that specializes in technology transfer — is one of the newest tenants of MaRS, which has gleaming new quarters on the southeast corner of University Avenue and College Street on land once occupied by the University Health Network.

"In the research commercialization arena, this is the most exciting meeting place in the world," Venter said. "The Toronto teaching hospitals are here, venture capital firms, the banks, spin-off companies created from university and hospital research, pharmaceutical companies, legal

firms, patent agents, you name it. So it's easy for us to have a coffee with these professionals to discuss the possibilities of advancing the university's research to the marketplace. Better that we are here than in isolation in our previous offices at College and Spadina."

Professor John Challis, vice-president (research) and associate provost, concurred. "The idea of convergence between disciplines is now an accepted part of the university's academic and research programs," he said. "MaRS picks up on this same approach as it relates to research and the marketplace. This is absolutely the way to go in the tech transfer field these days and the opening of MaRS puts U of T at competitive advantage with other universities involved in similar projects around the world."

Venter pointed out that MaRS will benefit a host of disciplines throughout the university. "Transferring knowledge to the world by way of the marketplace and the community involves every aspect of U of T's research community — medicine and life sciences, information technology, the physical sciences and the social sciences and humanities, which is evident from our involvement with the publishing of the *Dictionary of Canadian Biography*. We'll be working hard on getting that message out about the breadth of what MaRS covers."

The official opening of MaRS takes place today (Sept. 26) and a number of events are being held as part of the launch. Of particular note is the Terrence Donnelly Centre for Cellular and Biomolecular Research/MaRS scientific symposium on computational and chemical biology Sept. 29 and 30.

The University of Toronto's history with the complex goes back to 2000, when MaRS was an idea being promoted by a group of Toronto academic and business leaders, including President Emeritus John Evans, now chair of the MaRS board of directors.



Ron Venter



Carstinn Wilson, 22, demonstrates some trick manoeuvres at the BikeChain launch.

Repair Shop Hub for Cyclists

By Sonnet L'Abbé

MAKING THE CHOICE TO BIKE TO campus got a little bit easier last week when U of T launched the BikeChain, a free self-help bicycle repair shop and resource centre open to all university members.

Open to staff, faculty and students while weather permits, the BikeChain is located in the parking lot beneath the Ontario Institute for Studies in Education at 252 Bloor St. W. Riders can come in for assistance to fix a flat tire, do a tune-up, adjust brakes and gears, get brake pads replaced or clean their chains. A full bike repair tool set and a pump are on hand and replacement parts are available at cost. Two people who have experience fixing bikes will be on duty weekday afternoons from 1 p.m. to 6 p.m.

The BikeChain initiative is the brainchild of recent U of T environmental studies graduate, Carlene Thatcher-Martin, who came across the University of British Columbia Bike Kitchen in the summer of 2004. Encouraged by the Bike Kitchen's rapid growth from very modest beginnings to success, she was inspired

to start a similar project at the University of Toronto.

"The BikeChain grew out of my interest in biking and out of seeing a need at U of T. We needed a space where cyclists of all kinds could come together," Thatcher-Martin said. Beth Savan, director of U of T's sustainability office, saw the project as a great fit with her unit's mandate to foster energy efficiency and environmental awareness in all aspects of campus life. Thatcher-Martin and Savan worked with such organizations as BikeShare, Curbside Cycle, U of T Police Service and the City of Toronto to develop and deliver the BikeChain's services and facilities.

The opening coincided with Toronto's Car Free Day and featured exhibits, bike races and prizes, on-the-spot repairs and demonstrations of trick biking. The launch's festival atmosphere brought together cyclists of all colours and stripes. Leo Viveiros of campus police pedalled over to tell students how to register their bikes, while Evert Lamb of Curbside Cycle demonstrated, with a simple bar, how easy it was to break cheap bike locks. The Environmental Students' Association handed out literature

on how bikes help reduce traffic congestion and promote cleaner air and the U of T Bicycle Choppers Club showed off their "chopped" bikes.

"We're really excited about the project," said Rob Levan, vice-president of U of T's mountain biking team and BikeChain volunteer. "It's great when people know how to fix their bikes themselves. Anything that encourages independence in cyclists is a good thing."

"The BikeChain provides a practical service but its main goal is to create a community, to create a cycling culture on campus," Savan explained. "Cycling culture is a mindset. It means that when people need to go somewhere less than five kilometres away, they don't hop into a car or a taxi. They get on their bike instead, knowing it's a quick, efficient and healthy means of transportation."

Thatcher-Martin emphasized that when it comes to promoting cycling culture, education is one of the most important tools in the shop.

"One of the best things about the BikeChain is that you can come in and say, I've got a flat tire, show me how to fix it. The staff will involve you. You'll be expected to be involved in that process."

Engineering Staff Hit Jackpot

By Karen Kelly

LAST MONDAY WAS ANYTHING BUT Ordinary for Professor Douglas Reeve, chair of chemical engineering and applied chemistry. "I heard someone screaming in the office next to mine," he recalled. "No, actually, it was squealing. Then I heard two people, then five people squealing."

Reeve decided to investigate and discovered something that could surely erase any Monday blues. He and 12 other members of the department had won the 6/49 lottery by matching six numbers — a total of \$1.75 million, \$134,668.69 each to be exact. "It's a wonderful shot in the arm and particularly stunning because it's for such a large

group of people," Reeve said of the win. "It's simply marvelous."

The group had actually won the money on Wednesday, Sept. 14, but only checked the numbers on the following Monday, Sept. 19. "Normally I do check the numbers after the draw," said Arlene Fillatre, the department's business officer and organizer of the lottery pool. "But I came home late that

night and didn't check them in the morning."

The team's winning strategy is simple. "I let the machines do the work," Arlene said. "We each chip in two dollars a week and play \$13 dollars on Wednesday and \$13 on Saturday."

Although Fillatre won a quarter of a million in 1992, the entire group has only won smaller

amounts since it began 10 years ago and those winnings have been reinvested in lottery tickets. This time, however, many people in the group plan to pay off their mortgages or invest their winnings.

One thing is certain: this winning team isn't going to rest on its laurels. "I've already bought tonight's ticket," Fillatre said.

Cider 'n' Song

Hart House Farm

Saturday, October 15, 2005

ACTIVITIES: 🍏 Making cider (bring a container to take some home) 🍏 Hiking in fall leaves 🍏 Musical Entertainment 🍏 Sauna 🍏 Baseball 🍏 Soccer

MEALS: Lunch upon arrival 🍏 Supper in late afternoon.

TRANSPORT: Buses leave Hart House at 10:30 a.m. Expected departure from the Farm is 7:00 p.m.

ADVANCE TICKET SALES: including Thurs., Oct 13: Cost per person: \$24.00 with bus; \$19.00 without. *Purchase tickets early to avoid disappointment!*

Tickets after Thursday, Oct. 13:

Cost per person: \$29.00 with bus; \$24.00 without.

Tickets now available at the Hall Porters' Desk.



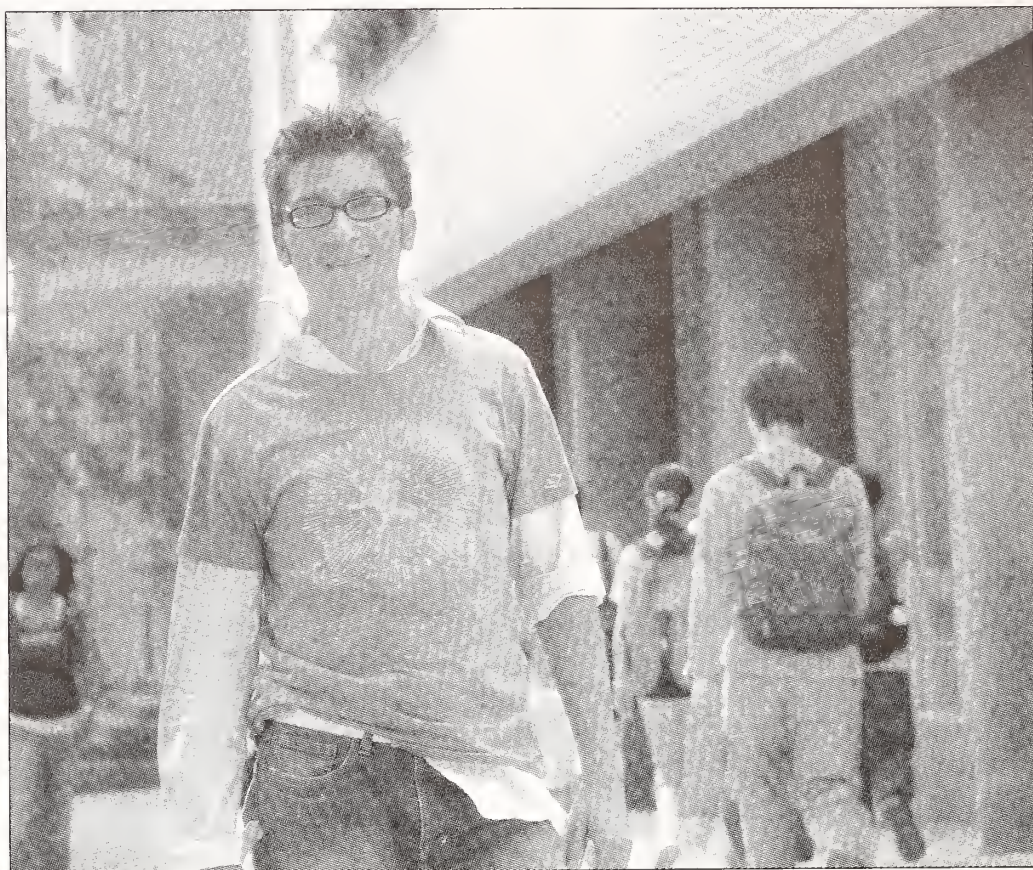
Members may sponsor up to two guests (exceptions to be approved by the Farm Committee). Pets are not permitted at the Farm. Families and children welcome. Children's rates available.

Note: Events at Hart House Farm are run by volunteers.

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UNIVERSITY OF TORONTO

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EYE OF THE STORM



Tim Steinhelsner, a student evacuee from Tulane University

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Tulane's international development program, he was, oddly enough, in Sri Lanka this past July learning about the recent tsunami.

"Those same profs from Tulane who teach about disasters like that are now having to learn

how to rebuild their own backyards," he says. At age 45, he's becoming a veteran of evacuations. Last year, he had to pack up and leave when hurricane Ivan hit New Orleans. Luckily, he only has to fly there one more time to defend his dissertation — his exams can be

completed online.

"Everyone here has been wonderful finding me housing and everything," he enthuses. "I moved to this city when I was 16 so this is absolutely like coming home in a way. I'm still very impressed by U of T's willingness to accommodate me so quickly."

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Researchers Locate Fear Factor

By Karen Kelly

NEW U OF T RESEARCH IDENTIFYING the origins of fear could lead to therapeutic ways of easing emotional pain.

A team of researchers led by U of T scientists has charted how and where a painful event becomes permanently etched in the brain — a discovery that has implications for pain-related emotional disorders such as anxiety and post-traumatic stress.

Professor Min Zhuo of physiology and his colleagues, Professor Bong-Kiun Kaang of Seoul National University in South Korea and Professor Bao-Ming Li of Fudan University in China, have identified where emotional fear memory and pain begin by studying the biochemical processes in a different part of the brain. In a paper published in the Sept. 15 issue of *Neuron* the researchers use mice to show how receptors activated in the pre-frontal cortex, the portion of the brain believed to be involved with higher intellectual functions, play a critical role in the

development of fear. Previous research had pointed to activation in the hippocampus, an area buried in the forebrain that regulates emotion and memory, as the origin of fear memory.

"This is critical as it changes how and where scientists thought fear was developed," said Zhuo, the EJLB-CIHR Michael Smith Chair in Neurosciences and Mental Health. "By understanding the biomolecular mechanisms behind fear, we could potentially create therapeutic ways to ease emotional pain in people. Imagine reducing the ability of distressing events, such as amputations, to be permanently imprinted in the brain."

Zhuo said that fear memory does not occur immediately after a painful event; rather, it takes time for the memory to become part of our consciousness. The initial event activates NMDA receptors — molecules on cells that receive messages and then produce specific physiological effects in the cell — that are normally quiet but are triggered when the brain receives a shock. Over time, the receptors leave their

imprint on brain cells.

By delivering shocks to mice, the researchers activated the NMDA receptors and traced a subunit of the molecules — a protein called NR2B — long believed to be associated with fear memory in the hippocampus and the amygdala, an almond-shaped structure in front of the hippocampus. To further test the protein's influence, researchers reduced the amount in mice and found they were less hesitant to avoid shocks.

Zhuo and his team then studied the mice's brain slices and discovered traces of NR2B in the pre-frontal cortex, supporting their theory that fear memory develops in that region. "By identifying NR2B in the pre-frontal cortex of the brain, we propose that fear memory originates from a network of receptors, rather than one simple area," Zhuo said. "It is more complex than previously thought."

The next step, according to Zhuo, is to determine how NR2B directly affects memory formation and storage in the brain.



RTU MAKKAR

Health promoters in Rajasthan state gather to learn more about health issues facing their rural villages.

INDIAN SUMMER

INSIG program offers international health experience

By ELAINE SMITH

ON THE ROADS OF RURAL northwest India, there was often a line of camels or a herd of cattle blocking the path of Ritu Makkar's jeep.

"That's a traffic jam in these parts," chuckles Makkar, a nursing student more accustomed to driving in her densely populated hometown of Mississauga.

Makkar and fellow nursing student Leena Basandra spent four weeks this summer volunteering in India as part of INSIG (International Nursing Students Interest Group), a student-run nursing group dedicated to international health. Each year since 2002, a growing number of nursing students has spent the school year raising funds to make it possible to spend the summer volunteering abroad. This year, 20 INSIG members travelled to places as diverse as India, Cambodia, Kenya and Ecuador to share their knowledge and gain valuable practical experience.

"We're using our skills, experience and knowledge overseas helping others who wouldn't get help at all or who have no access to quality health services," Makkar says. "We learn a lot about the social determinants of health in our first year of nursing and as they become global determinants, there's a need for a global response."

Her experience, like that of many fellow INSIG members, was an eye-opener. Makkar worked in the rural areas around the city of Jodhpur in Rajasthan state, taking part in the Rajdadiji

Veerni Project, funded by the Global Foundation for Humanity. The project aims to empower rural women and children through health, literacy and medical education.

Makkar and Basandra were each part of a health team that served 14 rural villages. Five days a week they'd jump into jeeps that served as mobile clinics and travel with a nurse to one of the villages. Each visit was organized around a specific health issue.

Makkar assisted with anemia assessments, nutrition assessments and school health camps and also helped the nurse in charge in assessing and treating villagers with other health problems. Concerns beyond their scope of practice were referred to the hospital in Jodhpur.

"In your work placements here in Canada, everything is at your disposal,"

Makkar says. "There, I had my stethoscope and medication but other than that, I had my eyes, ears and hands. Here, you assess people, then have 1,000 gadgets to confirm what you already know. There, I had to rely on my skills and experience. It was a great challenge and coming back here, I won't rely as much on technology. You need to be confident in yourself that you can rely on what you are hearing and seeing to determine what is wrong with a person."

The experience in Jodhpur made Makkar more eager than ever to pursue work in international health.

"I think I learned more than I contributed," she says.



Ritu Makkar

NEVER TOO OLD

Linguistics professor finds age no barrier to learning a new language

By Michah Rynor

IF YOU ARE YOUNG WHEN YOU immigrate to Canada chances are you'll sound like a Canadian by adulthood, says Professor Ana Teresa Pérez-Leroux of linguistics.

Your age when you come to these shores predicts how you will sound when speaking the English language, she notes.

And while linguistics experts are reluctant to talk of a "third language" being formed in the brain of an immigrant, research she has done with language graduate student Alejandro Cuza and related studies are now beginning to show that the brain does find it difficult to completely compartmentalize two distinct languages without merging them in subtle ways.

"This research is very positive," Pérez-Leroux says, "because usually we think the reason a person has difficulty learning a second language is because they are older learners and their capabilities have atrophied. But in reality what I'm seeing is that even though I, for example, am from the Dominican Republic and fluent in Spanish and have a brain that is happy to learn, my brain may still have trouble completely separating English and Spanish. But this is just a fact of life, not a fact of aging so this isn't a negative discovery. It's just life."

Pérez-Leroux, who also teaches

Spanish at Victoria College, goes on to say that there is no evidence that the brain is being pushed around by having too many languages to keep track of.

Researchers are finding that we don't and can't have complete separation between different languages in our heads. There will

more successful at becoming bilingual because they are more apt to adapt to the culture of their new country.

"They socialize more with new friends native to their adapted countries and are more ready to watch television, video games and read books in English," Pérez-Leroux says. "While older teens also adapt well to their new country this is the age group that usually retains its mother tongue while continuing to take part in the cultural activities of the former country such as talking to grandparents in the old tongue."

Toronto, she notes, is a city where some immigrants can live for years without ever speaking a word of English but she says this is a cultural choice not a linguistic one. "Nothing prevents an immigrant from learning a new language," she says. "The observed

differences between older and younger learners do not come from limits to the capacities of older learners but from the interaction of the two languages in the brain.

"For example, English is changing my own native language by virtue of prolonged contact," she says.

"Our research shows that changes in the Spanish of long-time immigrants is very similar to the imperfections of second-language speakers that we used to attribute to growing older."

always be some merging no matter how fluent you become in these languages. "Yes, you can become very skilled with your acquired language but there will always be a kind of window in our brains where one language will always leak into the other," she explains.

For example, she says native Spanish speakers are more likely to misplace adverbs when they speak English ("I like very much skiing"), because in their mother tongue, adverbs follow verbs directly.

Pérez-Leroux points to research showing that younger teens are



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New Student and Faculty Awards to Honour Former Senior Administrators

By Jamie Harrison

WHAT MORE FITTING TRIBUTE FOR a departing university administrator than a scholarship or bursary created in his or her name?

As they move on to new challenges, Frank Iacobucci, Jon Dellandrea and Professor Carolyn Tuohy have all been honoured in this fashion.

In September 2004, following the resignation of former president Robert Birgeneau, Iacobucci, then a newly retired justice of the Supreme Court of Canada, took the helm at U of T for a year as interim president. The former provost and dean of the Faculty of Law helped steer the university through this period of transition while maintaining its reputation for excellence.

In recognition of his service, Presidents Emeriti John Evans, George Connell and Robert Prichard and Iacobucci's successor, Professor David Naylor, honoured the acclaimed jurist by funding the Frank Iacobucci TYP Education Award at the Transitional Year Program (TYP). As interim president, Iacobucci spoke of his deep commitment to TYP, a program that helps people who have life

experience, but lack the formal educational credentials to make the transition to university.

The tribute award, which came as a complete surprise to Iacobucci, recognizes his extraordinary service and lifetime commitment to U of T. Matched with funding from the William Waters Challenge Fund and OSOTF, the Frank Iacobucci TYP Education Award has resulted in an endowment of more than \$400,000, providing bursaries to students with great financial need.

After nearly 10 years of advancement and working to raise U of T's profile, Dellandrea, former vice-president and chief advancement officer, accepted a position with the University of Oxford. Under Dellandrea, U of T set the record for fundraising by a Canadian university with a campaign that raised more than \$1 billion.

Recognizing this achievement, the university community established the Jon S. Dellandrea Scholarship for International Students, which will provide for a full-value annual scholarship to an international undergraduate in his or her final year of study at U of T. Criteria will be a combination of academic achievement and major

contributions to university life. The university will match the income from the award.

With the retirement of Professor Carolyn Tuohy as vice-president (government and institutional relations), the university recognized her lengthy career as a senior academic administrator and her deep commitment to public policy with the establishment of the Carolyn Tuohy Impact on Public Policy Award.

The annual award, supported by the U of T Alumni Association, will go to a member of the teaching staff who demonstrates excellence as a teacher and a scholar and whose scholarship has had a significant impact on public policy. Again, the university will match the income from the award.

A number of deans and principals who recently completed their terms will also be honoured with named awards to mark their accomplishments.

"These awards — for international students, for non-traditional students and for scholarship in public policy — will only strengthen the legacy each has left at our university," said Professor Vivek Goel, acting president and vice-president and provost.

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IN MEMORIAM

Auster Inspiration to Students, Faculty, Staff

PROFESSOR ETHEL AUSTER, A well-respected and well-loved member of the Faculty of Information Studies, died unexpectedly in her sleep of a heart attack July 1. She was 63 years old.

Born in Montreal, Auster graduated from Outremont High School in 1959 and attended McGill University in 1959-60. After two years in Cambridge, England, she resumed and completed her undergraduate education at Boston University, going on to Simmons College, also in Boston, where she obtained her master's degree. Her first professional position was as librarian at Brookline High School where she worked for two years. In 1969 she returned to Canada, settling in Toronto, and resumed her career as a research librarian at the Toronto Board of Education and then as librarian at the Ontario Institute for Studies in Education of U of T.

It was at OISE/UT that Auster began her doctoral studies. While she was completing her research and dissertation, she was appointed an assistant professor at the University of Wisconsin at Madison. After a year and a half there she returned to U of T, joining the Faculty of Library Science as an assistant professor.

Auster taught at the faculty for 23 years as a highly valued member of the faculty and was considered a key player in the process of



transforming the faculty into its current incarnation as the Faculty of Information Studies (FIS). She served as chair of doctoral studies for 15 years, guiding scores of students through the program, providing insight, research direction and practical advice. In addition she served the wider university community in many capacities including serving twice on Governing Council. Over the past two years, she spent countless hours reviewing doctoral student award applications for the Social Sciences and Humanities Research Council of Canada.

The author of three books and co-author of two more as well as author of numerous scholarly articles, Auster dealt with libraries, management and information use in her research, covering such topics as the information-seeking behaviour of managers, the evaluation of

online services, information dissemination, the retrenchment and downsizing of large academic libraries and most recently, the training and development needs of librarians. Highly regarded within her profession, Auster was a frequent speaker at conferences including those of the Canadian Library Association and the American Society for Information Science and Technology.

This June, Auster received the Canadian Association of College and University Libraries Miles Blackwell Award for Outstanding Academic Librarian in recognition of her significant national and international contribution to academic librarianship and library development. She was also cited for her role as a spokesperson and leader who actively promoted academic libraries and librarianship in Canada and for the considerable mentoring role she played in the careers of academic librarians.

"For so many years, Ethel inspired the intellects and reached deep into the hearts of generations of students, faculty, librarians and staff. It is almost incomprehensible that we will not continue to encounter her passions, honesty, bravery and warmth. But her gifts were enduring. We will all remain infused with her spirit," said Professor Brian Cantwell Smith, dean of the faculty. "The loss for FIS and the FIS community is immeasurable."

Six Receive Order of Ontario

By Ailsa Ferguson

SIX MEMBERS OF THE UNIVERSITY community — all of them from the Faculty of Medicine — are among the 29 recipients of the Order of Ontario for 2004, this province's highest and most prestigious honour.

The recipients, announced Sept. 7, were invested in the order in a black tie ceremony Sept. 20 at Queen's Park.

Diana Alli, student affairs coordinator at the Faculty of Medicine, was honoured for her role in giving thousands of at-risk children a second chance as a founder of Earth Tones, an annual Faculty of Medicine benefit that raises tens of thousands of dollars in support of initiatives for destitute children around the world. Professor Emeritus Robin Badgley of public health sciences was selected for his work as chair of

the National Inquiry on the Operation of the Abortion Law from 1975 to 1977 and the committee on sexual offences against children and youth from 1980 to 1984. Professor Allan Gross of surgery was recognized for his career as an orthopedic surgeon at Mount Sinai Hospital and as holder of the Bernard I. Ghert Family Foundation Chair in Orthopaedics, established in 2000 to support his research program.

University Professor Anthony Pawson of medical genetics and microbiology, the recipient of many prestigious awards, was honoured as a researcher who has done research considered pivotal in understanding diseases such as cancer, immune deficiencies and development abnormalities — findings representing one of the greatest advances in biochemical research in the last two

decades. Professor Emeritus Chandrakant Shah of public health sciences, a pioneer in public health education in Canada and in developing innovative healthcare programs, was recognized as an advocate for Aboriginal Peoples, the homeless, the jobless and poor children in Canada. Professor James Young of laboratory medicine and pathobiology and special adviser to the federal government's minister of public safety and emergency preparedness is recognized as one of Canada's foremost forensic scientists and was selected for his leadership during the SARS crisis and the tsunami disaster.

First presented in 1987, the Order of Ontario recognizes those who have enriched the lives of others by attaining the highest standards of excellence and achievement in their respective fields.

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THE BULLETIN invites readers to submit information regarding awards and honours as well as death notices of staff and faculty. Please include as much background information as possible and in the case of obituaries, a CV is especially welcome. Please e-mail, deliver or fax the information to: AILSA FERGUSON, ASSOCIATE EDITOR:
ailsa.ferguson@utoronto.ca • 21 King's College Circle • fax: 416-978-7430.

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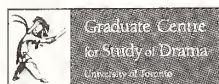
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Celebrating the 20th Anniversary of Section 15 of the Charter of Rights and Freedoms

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Law Society of Upper Canada

130 Queen Street West, Toronto (East entrance)

Thursday, October 27, 2005

5:30 p.m. - 8:00 p.m.

University of Toronto Faculty of Law

78 Queen's Park Crescent, Toronto

Friday, October 28, 2005

9:00 a.m. - 4:30 p.m.

This year, the twentieth anniversary of the coming into force of section 15 of the Charter of Rights and Freedoms, offers an opportune time to reflect upon the momentous origins of the Charter's equality guarantee. This conference will revisit the political genesis and transformative aspirations of section 15, offer analysis on the Supreme Court's approaches to this controversial provision, and delineate the challenges that lie ahead.

Speakers include:

- The Right Honourable Joe Clark, former Prime Minister and Leader of the Progressive Conservative Party;
- The Honourable Michael Bryant, Attorney General for Ontario;
- The Honourable Peter Cory and The Honourable Frank Iacobucci, former Justices of the Supreme Court of Canada;
- The Honourable Ed Broadbent, MP for Ottawa Centre and Member of the Queen's Privy Council for Canada;
- The Honourable Roy Romanow, former Premier of Saskatchewan and Member of the Queen's Privy Council for Canada; and
- a number of prominent constitutional lawyers and academics

Registration fee: \$50 general and \$15 for students

For a complete list of speakers, the conference agenda and registration information and forms, please visit the conference's website at

www.law.utoronto.ca/conferences/equality.html

The conference organizers wish to acknowledge the generous support of the Law Foundation of Ontario, The Law Society of Upper Canada, The University of Toronto Faculty of Law, the Department of Justice Canada, and The Ministry of the Attorney General for Ontario.

Organized by the University of Toronto Faculty of Law, The Department of Justice Canada (Ontario Regional Office), and the Ministry of the Attorney General for Ontario.

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WALKING THE WALK

U of T staffers raise awareness of Ugandan children's plight

BY ELAINE SMITH

TEN YEARS AGO, IF YOU'D TOLD Adrian Bradbury that he would be pouring his spare time and energy into raising awareness about the plight of children in northern Uganda, he might have wondered what you'd been drinking.

Today, however, Bradbury has become one of Canada's strongest advocates for the youngsters of this war-torn region. Having children of his own awakened a deep desire in him to make life better for children everywhere.

"Once I had kids, in the last five years, I began to be affected by things I read and issues around kids," says Bradbury, U of T's sports information co-ordinator and father of two young sons.

Two years ago, Bradbury founded a charity called Athletes for Africa, a not-for-profit organization that aims to use sports as a vehicle to raise money for sustainable development programs in Africa.

"I volunteered for War Child Canada and I wanted to do more," he says. "Sport does a very good job at engaging communities but it hasn't done well internationally, although it has the profile and the audience to do so. Music and art have done it and sport has the same sort of profile, so it certainly could."

He hopes athletes will be more inclined to lend a hand as Athletes for Africa gains prominence. Bradbury and Kieran Hayward, his colleague at the Faculty of Physical Education and Health, have raised the organization's profile recently with their much-publicized Guluwalks.

Each night during the month of July, the pair emulated the nightly walk made by hundreds of youngsters in northern Uganda as a way of evading kidnapping by rebel

forces seeking to populate their army. Parents send these children from their rural villages each evening to sleep in larger towns patrolled by Ugandan government soldiers. They reach shelter, get a bit of sleep, wake and walk the same distance back home to attend school.

Bradbury and Hayward left the Victoria Park subway station nightly, walked 12.5 kilometres to Nathan Phillips Square, caught a few hours of sleep and walked home in time to shower, change and head to work. Numerous media outlets covered the walks and many others walkers joined in to show solidarity, including members of the local

crew that has been following our walks, so we'll be going with them to walk with the kids," Bradbury says.

Bradbury and Hayward are also circulating a petition asking the Canadian government to lend an international voice to the plight of these children. They have even received letters of support from people such as Allan Rock and Lloyd Axworthy. It all adds up to visibility for Athletes for Africa and for the cause the charity has adopted.

"What has engaged people is that we're doing something, not just talking," Bradbury says.

Indeed, he literally walks the walk.

Ugandan Acholi community.

"We certainly have a better understanding of the resilience and strength these kids must have to continue to do this," Bradbury says. "They don't have a childhood, all they do is walk."

"I'm amazed at the hope they have to continue walking, when it would be easier to give up and say the war will never end."

Bradbury first learned of the young Ugandans' plight while researching African initiatives worthy of support. "It kept topping the lists as the most ignored humanitarian disaster but nobody did anything about it," he says. "We're trying to get momentum."

Momentum shouldn't be a problem during the next few months. Bradbury is organizing a Global Guluwalk Day, planned for Oct. 22, with walks scheduled in 25 cities worldwide (see www.guluwalk.com for details). In December, he and Hayward will make their first visit to Uganda to join children for some of their nightly walks.

"There is a documentary film



Adrian Bradbury (left) and Kieran Hayward

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The fellowship is intended to support graduate students in the final stages of their Ph.D. (or equivalent degree) research in any humanities and social science field. Candidates' research should engage directly with one or more of the 'thematic threads' of the seminar: labour and empire; economy, culture, and commodities; migration and diaspora; race and inequality; labour movements and working-class culture; and redefining and reconceptualizing 'labour.' As a condition of the award, during their tenure fellows will be focused entirely on their research and are expected not to accept any stipendiary or teaching fellowship positions.

For more information on the seminar, see <http://www.utoronto.ca/csus/sawyer>

Candidates should send 3 letters of reference, a cover letter that includes a dissertation prospectus and a statement about what the candidate hopes to contribute both to the Sawyer project and to the University of Toronto community, a short writing sample (dissertation chapter, for instance), and a CV.

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Members of the staff, students and the public are cordially invited.

LETTERS



GAP BETWEEN WELL PAID AND LESS WELL PAID GROWING

The new contract between the university and the United Steelworkers, representing U of T's staff-appointed group, now includes Article 33 on professional development. Article 33 provides for the creation of individual career development plans and a minimum of three days a year (beginning in September 2006) for professional development. The contract also adds education and training opportunities to other clauses.

Article 33 shows that union-management agreements can

accommodate and even encourage the pursuit of individual goals. By drawing up career development plans and engaging in professional development activities related to them, staff members can pursue their ambitions at U of T and beyond. Contractually guaranteed access to job-related training and education will contribute to everyone's economic security and U of T's efficiency and effectiveness.

The provision of greater opportunity through education is a step forward for individuals and the university but the growth of inequality in the bargaining unit is not. On June 30, 2005, the difference between the highest annual salary on the staff-appointed grid and the lowest was approximately \$77,000. By 2008 the difference between the highest and lowest will be about \$84,000, a \$7,000 increase. At every point on the grid the well paid and the less well paid are growing apart.

It's good to see everyone advance (and a tribute to our union negotiators, among others) but it would be much better if people in the less prosperous job classifications advanced more quickly.

GEORGE COOK
DIVISION OF UNIVERSITY
ADVANCEMENT

LETTERS DEADLINES

SEPTEMBER 30 FOR OCTOBER 11
OCTOBER 21 FOR OCTOBER 31

We'd love to hear from you. Just remember that letters are edited for style and sometimes for clarity. Please limit the number of words to 500 and send them to Ailsa Ferguson, associate editor, fax: 416-978-7430; e-mail, ailsa.ferguson@utoronto.ca. When submitting letters please include a telephone number and, if possible, an e-mail address.

ON THE OTHER HAND Get Rid of That Guy

BY NICHOLAS PASHLEY

I SPENT MY EARLY YEARS IN A GREY, DRIZZLY country in which a bad summer day was pretty much like a mild winter day. In my boyhood I relocated to Toronto in time for a summer that turned out to be a formidably hot one, especially for English people, and I assumed Canadian summers were all like that. Another summer around that time brought a massive June bug invasion. The little critters were everywhere, crunching horribly underfoot, ankle deep, and just about as creepy and gross as you could wish. And then there was Hurricane Hazel. The window of the room I shared with my brother came crashing in and a section of our street collapsed. What sort of country had I moved to?

Since then I've seen the occasional hot summer (and I won't hear a word against them) but I haven't seen a lot of June bugs. And hurricanes? Well, as in Hertford, Hereford and Hampshire, hurricanes hardly happen. To us, anyway.

But they sure as heck happen to other people. We get storms — like the one that hit in August — but not the real big-league stuff. People who live in hurricane places tend not to shovel a lot of snow, so there's a bit of a trade-off. When we call in the army it's because there's nowhere to put the damn snow. (And, as I recall, the army actually turned up.)

I was pleased to see that this university has offered to take in students who have been driven out of their classrooms (and heaven knows what else) by hurricane Katrina. For starters it was the right thing to do. And, let's face it, if there's the odd football player in their midst, so much the better, not that I'm complaining.

And students from the Gulf States might have another influence on us as well. Old-timers may recall a time when there was almost nothing good to eat in Toronto. Then we started letting in people who weren't English or Scottish and things changed dramatically



for the better. This campus, frankly, could use similar help. I walk around and see countless hot dog stands. Is this university fuelled entirely by hot dogs? If anyone's selling po' boy sandwiches around here, nobody's told me about it. I guess it's just as well for my cholesterol readings but the occasional fried oyster po' boy would certainly improve my mood.

The first time Mrs. On-the-Other-Hand and I went to New Orleans we saw it as a theme park for grown-ups. You could

always spot Canadians there; they were the ones saying, "This can't possibly be legal! A few years ago the Christian Booksellers Association held its annual conference in New Orleans and I recall reading a book trade summary of the event. An attendee from Texas expressed enthusiasm for the conference but not for the venue. "There's not much here for Christian folk to do," she complained. Which is probably why most of us like it so much.

Defenders of the president say this is no time to be playing the blame game, whereupon they accuse everybody from the governor and the mayor to the head waiter at Galatoire's and the Preservation Hall tuba player for everything that happened. I'm not surprised. On that first visit, more than 20 years ago, I innocently asked our cab driver coming in from the airport what the weather was supposed to be like for the next four days. "They oughta get rid of that guy," he proclaimed, possibly referring to the weatherman. "They got rid of the last guy," he continued, "and they oughta get rid of this one too." So maybe that's where the fault lies. I like New Orleans. I wish its people well and I hope we'll see them rise again. And I really hope they get rid of that guy.

Nicholas Pashley buys, sells and reviews books for the U of T Bookstore.

WE VALUE YOUR OPINION

that's why the back page of *The Bulletin* is devoted to Forum, a place where thoughts, concerns and opinions of interest to colleagues across the university find expression. Original essays by members of the community are both welcomed and encouraged. Faculty, staff and students are invited to submit or discuss ideas with:

ELAINE SMITH, editor, *The Bulletin*, 416-978-7016
elaine.smith@utoronto.ca

SPOTLIGHT ON RESEARCH

Setting Trends, Studying Barriers



Female adolescents trendsetters in teen talk

A casual remark by a teenage girl such as *She's so not cool* may be dismissed as typical teen talk. Young women, however, are leading changes in the way adolescents speak, according to a study by Professor Sali Tagliamonte of linguistics.

"One of the most pervasive findings of sociolinguistics is that when you have language changing, women tend to lead the change. They pick up the new form and they carry it forward probably about a generation ahead of the guys," said Tagliamonte.

Tagliamonte was interested in finding out why teens, particularly girls, tended to frequently use the words *like*, *just* and *so* in their conversations. In 2002, four U of T undergraduate student researchers, under the supervision of Tagliamonte, interviewed

29 members of their own families and friends living in Toronto. They ranged in age from 10 to 19 years and were from various socioeconomic and cultural backgrounds. The researchers conversed with the speakers on informal topics for about an hour and recorded the conversations.

Tagliamonte found that as children age, their patterns of speech change. During adolescence, the words *like* and *just* pop into girls' conversations more frequently than into boys' banter. Fifteen- and 16-year-old females used the word *like* the most frequently out of all age groups but say it less than males once they enter university. Females across all age groups studied also used the word *so* to emphasize something more than males did. "When the kids are still in primary school, their language patterns tend to model their parents even when they are acquiring new language. Where

we find a real surge in the use of new features, such as the word *like*, is with 15- and 16-year-olds," Tagliamonte said.

SUELAN TOYE

Barriers to vaccine acceptance studied

Public health officials must be sensitive to concerns about stigma and fear of vaccine-induced infection if they want women to take advantage of HIV vaccines now under development, says Professor Peter Newman of social work.

"The first generation of HIV vaccines may be available within 10 years but availability doesn't guarantee uptake," said Newman, one of the authors of the study. "Healthcare officials must begin preparing now to address the

social, behavioural and biological barriers they are likely to encounter in disseminating a future vaccine."

Through a series of focus groups with both healthcare providers and women from at-risk populations in Los Angeles, Newman and colleagues from the University of California at Los Angeles and the Los Angeles County Health Department identified barriers to future HIV vaccine acceptance. In addition to worries about being labelled gay or promiscuous if they are vaccinated and fear of contracting HIV/AIDS from the vaccine, women in the focus groups were also concerned about power dynamics (the influence of husbands who are in denial about their own risk behaviours),

affordability, reproductive side effects and discrimination in obtaining the vaccine.

However, the women also identified some strong motivations for getting vaccinated. Many viewed it as empowering to be able to protect themselves against HIV infection and others were eager to ensure their children were also protected. Both women and providers suggested that the vaccine be delivered as part of routine care so women would be able to take advantage of its protection without having to confront their partners and wouldn't have the stigma of obtaining care from HIV-identified services.

"These are all important factors to consider when a future vaccine is rolled out," Newman said.

ELAINE SMITH

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Twyla Gibson (Faculty of Information Studies, McLuhan Program)

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Dr. Abdallah Daar (Public Health, Joint Centre for Bioethics)

in dialogue with

**Life, Personhood, and Death:
Legal Approaches**

Bernard Dickens (Law, Medicine, Joint Centre for Bioethics)

Oct. 13 - The Bioethics of Everyday Life

Donald Ainslie (Philosophy)

**Oct. 27 - Ethical Consent and the UK
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Sarah K. Burgess (UC Berkeley, Rhetoric)

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SUNDAY OCTOBER 2 AT 2 PM

The Jewish Musical Landscape
of Bach's Christian World
Philip Bohlman,
University of Chicago
An ethnomusicologist specializing in the
musical dimensions of nationalism, Philip
Bohlman is the author or editor of 17
books, including the recently published
Music of European Nationalism. A deeper
appreciation of Jewish musical practices
in early 18th-century Europe can expand
our understanding of the Psalms as set
by Bach in his Cantatas.

MONDAY OCTOBER 3 AT 12 PM

Death Everyday: The Anna Magdalena Bach
Notebook of 1725 and the Art of Dying
David Yearsley,
Cornell University
Organist, harpsichordist, and clavichordist
David Yearsley brings to his performances
a scholarly interest in music and death,
alchemy and counterpoint, imagination
and musical invention. His book *Bach and
the Meaning of Counterpoint* illuminates
unexpected areas of the musical culture
into which Bach's most obsessive and
complicated musical creations were
released. David Yearsley will also perform

a short organ recital at Knox College
Chapel, 59 St. George Street, on Monday
October 3 at 8 pm. The performance is
part of the Bach Festival's evening organ
recital series.

TUESDAY OCTOBER 4 AT 12 PM

God's Time is the Very Best Time:
The Social and Cultural Context
of Lutheran Funeral Music
Gregory Johnston,
University of Toronto
Gregory Johnston's research interests
include Protestant church music, historical
performance practice, music and
rhetoric, and occasional music in the
17th century. He is currently completing
a monograph on Heinrich Schütz's
Musikalische Exequien in the context
of funerary practices of the German
Baroque.

WEDNESDAY OCTOBER 5 AT 12 PM

Panel discussion with International
Bach Festival participants
A panel of scholars and artists will discuss
performative experiences and the aesthetic,
social, theological, and contemporary
relevance of Bach. Moderated by
Caryl Clark, University of Toronto.

THURSDAY OCTOBER 6 AT 12 PM

Bach's Cantata *Weinen, Klagen,
Sorgen, Zagen* as Musical Sermon
Michael Marissen,
Swarthmore College
Michael Marissen's publications on Bach's
instrumental and vocal music include *The
Social and Religious Designs of J.S. Bach's
Brandenburg Concertos* and *An Introduction
to Bach Studies*. The musical scoring of
BWV12 is itself theological, expressing
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Central, by Davisville-Yonge subway. Deluxe fully furnished home, quiet street, parking (2). Open concept, spacious, 3 bedroom, brilliant light. All modern conveniences, plus piano, garden, decks, storage. Available November to spring. Flexible. \$2,300. Tel. or fax 416-485-9032.

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LECTURES

La letteratura franco-veneta duecentesca nell'Italia del Nord.

MONDAY, SEPTEMBER 26
Fr. Giuliano Gasca Queirazza, S.J., Jesuit House, Turin. 103 Carr Hall, St. Michael's College, 100 St. Joseph St. 3:10 p.m. *Emilio Goggio Chair in Italian Studies*

Designing Women I: Makers.

MONDAY, SEPTEMBER 26
Prof. Annmarie Adams, McGill University; first Teetzel lecture on Designing Women: Gender and the Architectural Profession. 140 University College. 4:30 p.m.

Designing Women II: Users.

TUESDAY, SEPTEMBER 27
Prof. Annmarie Adams, McGill University; second Teetzel lecture on Designing Women: Gender and the Architectural Profession. 140 University College. 4:30 p.m.

Le Meditazioni della Vita di Cristo, testo trecentesco di ambito francescano: dal latino alle versioni antiche in toscano e in siciliano.

WEDNESDAY, SEPTEMBER 28
Fr. Giuliano Gasca Queirazza, S.J., Jesuit House, Turin. 103 Carr Hall, St. Michael's College, 100 St. Joseph St. 2 p.m. *Emilio Goggio Chair in Italian Studies*

Designing Women III: Thinkers.

WEDNESDAY, SEPTEMBER 28
Prof. Annmarie Adams, McGill University; final Teetzel lecture on Designing Women: Gender and the Architectural Profession. 140 University College. 4:30 p.m.

Ethiopian Liturgy and Church Architecture: 13th and 14th Centuries.

THURSDAY, SEPTEMBER 29
Prof. Michael Gervers, Centre for Medieval Studies; 2005 Friends of the Library lecture. 100 Alumni Hall, St. Michael's College, 121 St. Joseph St. 4 p.m. *Friends of the Library, USMC*

The Art of Structural Design: A Swiss Legacy.

THURSDAY, SEPTEMBER 29
Prof. David Billington, Princeton University. 140 University College. 4:30 p.m. *U of T Art Centre*

The Reader's Dilemma: From Latin to Italian Literature.

THURSDAY, SEPTEMBER 29
Prof. Brian Stock, English. Madden Hall, St. Michael's College, 100 St. Joseph St. 5 to 7 p.m. *Emilio Goggio Chair in Italian Studies*



Hippocrates' Oath: The Code of Ethics in Medicine.

THURSDAY, SEPTEMBER 29
Twyla Gibson, adjunct professor, information studies and McLuhan program in culture and technology; What Is "Life"? series on bioethics and bioinformatics. 200 Brennan Hall, St. Michael's College. 6 to 7:30 p.m. *McLuhan Program in Culture & Technology, Information Studies and Philosophy*

The Rise of the Lower Castes in North Indian Politics.

FRIDAY, SEPTEMBER 30
Christopher Jaffrelot, Centre d'Etude de Recherches Internationales, Paris; Christopher Ondaaje lecture. Combination Room, Trinity College. 4 to 6 p.m. *South Asian Studies, New College and Political Science*

Way Too Cool: Tales of Stellar Corpses.

FRIDAY, SEPTEMBER 30
Prof. David Helfand, Columbia University; Cosmic Frontiers: Celebrating a Century of Astronomy at the University of Toronto series. Convocation Hall. 7 p.m. *Astronomy & Astrophysics, Ontario Science Centre and Astronomy & Space Exploration Society*

An Individual Soldier's Voice in the Korean War.

MONDAY, OCTOBER 3
Prof. Ha Jin, Emory University. Library, Hart House. 2 to 4 p.m. *Asian Institute, Humanities Centre, East Asian Studies and Comparative Literature*

Life, Personhood and Death: Professional Experiences, Legal Approaches.

THURSDAY, OCTOBER 6
Prof. Abdalla Daar, public health sciences, and Prof. Em. Bernard Dickens, Faculty of Law; What Is "Life"? series on bioethics and bioinformatics. 200 Brennan Hall, St. Michael's College. 6 to 8 p.m. *McLuhan Program in Culture & Technology, Information Studies and Philosophy*

U.S. and French Denaturalization Policies: A Comparative View.

FRIDAY, OCTOBER 7
Prof. Patrick Weil, University of Paris I; visiting history. 023N Munk Centre for International Studies. 2 to 4 p.m. *Study of the United States*

Prosopography, Roman History and Latin Literature.

FRIDAY, OCTOBER 7
Prof. Timothy Barnes, classics. 244 University College. 3:10 p.m. *Classics*

COLLOQUIA

Tissue and Data Banking in Clinical Trials: Autonomy vs. Paternalism.

TUESDAY, SEPTEMBER 27
Prof. Em. Barry Brown, philosophy. Room 801, Clarke Site, 250 College St. Noon. *Addiction & Mental Health*

Autism and Intelligence: The Practice and Perspective of Psychologists in North America.

WEDNESDAY, SEPTEMBER 28
Shahar Gindi, human development and applied psychology. 9-105 OISE/UT, 252 Bloor St. W. 12:30 to 2 p.m. *Human Development & Applied Psychology, OISE/UT*

Visions of Radiology: The Depiction of New Technologies of the Body in Radiological Advertisements.

WEDNESDAY, SEPTEMBER 28
Kiran van Rijn, doctoral candidate, Institute for the History & Philosophy of Science & Technology. 323 Old Victoria College Building. 4 p.m. *History & Philosophy of Science & Technology*

From Confucian Order to International System: Chinese Ideology and Identity Around 1900.

TUESDAY, OCTOBER 11
Prof. Carol Chin, international relations program; Religion, International Diplomacy and Economics series. 208N Munk Centre for International Studies. Noon to 1:30. *Trinity College, International Studies and Study of Religion*



How Einstein Saw the Light Through the Prism of Formal Analogies.

WEDNESDAY, OCTOBER 12
Prof. Yves Gingras, Université du Québec à Montréal and IHPST. 323 Old Victoria College Building. 4 p.m. *History & Philosophy of Science & Technology*

SEMINARS

European Constitutionalism.

TUESDAY, SEPTEMBER 27

Prof. Jo Shaw, University of Edinburgh. 208N Munk Centre for International Studies. 3 to 5 p.m. Registration: larysa.iarovenko@utoronto.ca. *European Studies*

Mapping the Human Interactome Using Peptide and Protein Arrays.

WEDNESDAY, SEPTEMBER 28
Shawn Li, University of Western Ontario. 968 Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

Regional Differences and Social Composition of Electorates in 2004 Ukrainian Presidential Elections.

WEDNESDAY, SEPTEMBER 28
Svitlana Oksamytna, University of Kyiv-Mohyla Academy, and Prof. Valeriy Khmel'do, University of Kyiv-Mohyla Academy. 108N Munk Centre for International Studies. 2 to 4 p.m. Registration: larysa.iarovenko@utoronto.ca. *Petro Jacyk Program for the Study of Ukraine and European, Russian and Eurasian Studies*

Environmental Epidemiological Investigations, Issues and Approaches: The Port Hope Example.

THURSDAY, SEPTEMBER 29
Eric Mintz, Epistat Solutions. 113 Koffler Institute for Pharmacy Management. 4 p.m. *Centre for Environment*

Writing in English: Between the Exile and the Immigrant.

FRIDAY, SEPTEMBER 30
Prof. Ha Jin, Emory University. East Asian Studies, 14th floor, Roberts Library. 10 a.m. to noon. *East Asian Studies and Comparative Literature*

Terror and Mass Participation.

FRIDAY, SEPTEMBER 30
Prof. Wendy Goldman, Carnegie

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EVENTS

Mellon University. 14352 Robarts Library. 3 to 5 p.m. Registration: larysa.iarovenko@utoronto.ca. European, Russian and Eurasian Studies

Probing Cytokinesis Using Small Molecules.

FRIDAY, SEPTEMBER 30

Simon Alfred, PhD proposal/transfer exam. B142 Earth Sciences Centre. 3 p.m. Botany

Multimedia Overview.

TUESDAY, OCTOBER 4

Rob Harvie, Resource Centre for Academic Technology. 4049 Robarts Library. Noon. Registration requested: www.utoronto.ca/cat/whatson/lunch. Resource Centre for Academic Technology

Building Sustainable Urban Communities: The Impact of Recent Policy Changes on Urban Development in Southern Ontario.

WEDNESDAY, OCTOBER 5

Mark Winfield, Pembina Institute. 1210 Bahen Centre for Information Technology. 4 p.m. Centre for Environment

Ask the Audience: Using In-Class Questions to Increase Student Engagement.

THURSDAY, OCTOBER 6

David Harrison, physics. 4049 Robarts Library. 2 p.m. Registration requested: www.utoronto.ca/cat/whatson/lunch. Resource Centre for Academic Technology

Evolution and Adaptation in an Invasive Plant: Purple Loosestrife.

FRIDAY, OCTOBER 7

Robert Colautti, PhD proposal exam. B142 Earth Sciences Centre. 3 p.m. Botany

MEETINGS & CONFERENCES

University Affairs Board.

TUESDAY, SEPTEMBER 27

Council Chamber, Simcoe Hall. 4:30 p.m.

Priestess, Prophetess and Prostitute.

SATURDAY, OCTOBER 1

Symposium on the occasion of the society's annual meeting. General introduction, J. Stuckey, York University; chair, G. Frame, Near and Middle Eastern civilizations. Lectures by J. Westenholz, Bible Lands Museum, Jerusalem, D. Fleming, New York University, B. Prongratz-Leisten, Princeton University and J. Stuckey. Auditorium, Koffler Institute for Pharmacy Management. 9 a.m. to 1 p.m. Registration fee: \$25, members \$15, students \$5.

Academic Board.

THURSDAY, OCTOBER 6

Council Chamber, Simcoe Hall. 4:10 p.m.

MUSIC

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Thursdays at Noon.

THURSDAY, SEPTEMBER 29

Stop thief: stolen gems from the major repertoire for clarinet and piano; Peter Stoll, saxophone and clarinet, Robert Kortgaard, piano. Walter Hall. 12:10 p.m.



Bach Festival:

Symphony Orchestra.

SATURDAY, OCTOBER 1

Raffi Armenian, conductor. MacMillan Theatre. 7:30 p.m. Tickets \$17, students and seniors \$9.

International Bach Festival.

OCTOBER 2 TO OCTOBER 9

J.S. Bach in the World Today: The

Poetry and Politics of Bach's Early Cantatas. Helmuth Rilling, Nicholas Goldschmidt conductor-in-residence, festival conductor, lecturer and teacher. Full festival program including a series of BachTalks, presented by the Chancellor Jackman Program for the Arts: www.internationalbachfestival.ca.

Voice Performance Class.

TUESDAY, OCTOBER 11

Student performances. Walter Hall. 12:10 p.m.



PLAYS & READINGS

U of T Bookstore Series.

WEDNESDAY, SEPTEMBER 28

Go east young woman: Barbara Hodgson brings her new book *Dreaming of the East: Western Women and the Exotic Allure of the Orient* and Margaret MacMillan, her new book *Women of the Raj*. Library, Hart House. 7:30 p.m.

THURSDAY, OCTOBER 6

Friendship and betrayal: Linda Diebel brings her new book *Betrayed: The Assassination of Digna Ochoa*; includes a visual presentation. Innis College Town Hall. 7:30 p.m.

The Marivaux Project: Two Plays by Pierre Calet Marivaux.

THURSDAY TO SUNDAY,

SEPTEMBER 29 TO OCTOBER 2

La Dispute, translated by Timberlake Wertenbaker, and *Harlequin Enlightened by Love*, translated by Paul Babiak and Laura MacDonald. Graduate Centre for Study of Drama production. Robert Gill Theatre, Koffler Student Services Centre. Performances at 8 p.m., Sunday 2 p.m. Tickets \$15, students and seniors \$10. Box office: 416-978-7986, www.graddrama.sa.utoronto.ca.



recommending it. First floor exhibition area.

Pick Up the Beat: Album Cover Art and Depictions of Popular Dance, 1948-1988.

SEPTEMBER 15 TO NOVEMBER 1

Curated by the Media Commons. 2nd floor exhibition area. Hours: Monday to Friday, 8:45 a.m. to 11 p.m.; Saturday, 9 a.m. to 5 p.m.; Sunday, 1 to 6 p.m.

EXHIBITIONS

FACULTY OF ARCHITECTURE, LANDSCAPE & DESIGN

Faculty Work.

TO SEPTEMBER 27

Material on display reveals the faculty's diverse research and creative activity. Eric Arthur Gallery, 230 College St. Hours: Monday to Friday, 9 a.m. to 4:30 p.m.

JUSTINA M. BARNICKE GALLERY HART HOUSE

From Canvas to Stage: The Group of Seven and Contemporaries at Hart House Theatre.

TO OCTOBER 1

Designs and paintings by Group of Seven members and their contemporaries juxtaposed with work from the Hart House Permanent College. Both galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

ROBARTS LIBRARY

Shady Characters:

An Exhibition of Mysteries Recommended by U of T Library Staff.

TO OCTOBER 2

Mysteries recommended and donated by U of T Library staff with a brief description of the plot and the reason for

BLACKWOOD GALLERY, UTM/DORIS MCCARTHY GALLERY, UTSC

Two Places at Once.

TO OCTOBER 23 AND OCTOBER 30

Euan Macdonald, work in several media; curated by Ann MacDonald and Barbara Fischer in collaboration with the Blackwood Gallery, UTM, until Oct. 23. Hours: Blackwood Gallery, Monday to Friday, 11 a.m. to 5 p.m.; Sunday 1 to 5 p.m. Doris McCarthy Gallery, Tuesday to Friday, 10 a.m. to 4 p.m.; Sunday Noon to 5 p.m.

U OF T ART CENTRE

"Through tangled brush and dewy brake:" Works by Group of Seven and Their Contemporaries from the U of T Art Centre.

TO DECEMBER 21

Exhibition explores the group's point of view towards nature, especially as related to and inspired by period poetry.

The Art of Structural Design: A Swiss Legacy.

SEPTEMBER 27 TO JANUARY 21

An exploration of the work of Robert Maillart, Othmar Ammann, Heinz Isler and Christian Menn, four Swiss engineers widely recognized as the most influential structural and innovative designers of the 20th century; in partnership with civil engineering. Laidlaw Wing, University College. Hours: Tuesday to Friday, noon to 5 p.m.; Saturday, noon to 4 p.m.

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ACCESS TO CARE, ACCESS TO JUSTICE

The legal debate over private health insurance in Canada

BY ROY ROMANOW

The following is excerpted from a speech delivered at a Faculty of Law conference Sept. 16 by Roy Romanow who headed the Commission on the Future of Health Care in Canada.

IN MY VIEW, THERE IS NO BETTER WINDOW ON THE FUTURE OF OUR NATION THAN THE MANNER IN which we collectively deal with medicare. How we handle the issues arising from the recurrent debates on the provision of health care provides us with a glimpse of our future together — or not! Is the federation about to become an association? Will a particular ideology prevail, despite the preponderance of evidence that its tenets are contrary to Canadians' core values? Will this decision end the great social experiment known around the world as Canada? Are we seeing a disruption of our special balance between individual and community and a movement against nation and towards enterprise? Whatever may be the eventual answers to these questions, we are at yet another serious crossroads in both health care and its contribution to nation building, Canadian identity and, not least, health outcomes.

Let's focus on the legal debate concerning the role of private healthcare insurance in Canada, particularly in light of the Supreme Court of Canada's majority decision of June 9, 2005, in *Chaoulli v. Attorney General of Quebec*.

Now I must admit that based on the evidence I have examined, as well as my understanding of the fundamental principles of health policy, and my involvement in the implementation of the Canadian Charter of Rights and Freedoms, this decision came as a surprise to me. That four of the seven Supreme Court sitting justices would rule in favour of Dr. Chaoulli, a physician looking to practise privately, and Zeliotis, a patient who had to wait for a hip operation, and essentially tell the Quebec government that its ban on private health insurance was in violation of Quebec's charter, and by clear implication the Canadian charter as well, was in the words of one health policy expert, "astonishing."

The court basically said that the prohibition of private health insurance enacted by a democratically elected provincial government was bad public policy — indeed, they described it as "arbitrary." Despite this, according to a June 2005 Statistics Canada report, more than 80 per cent of Canadians, including Quebecers, are satisfied with the quality of health care they receive.

This decision also touches upon a longstanding and related issue with respect to Canadian politics. Quebec has consistently held the position that the delivery of health care is an area of exclusive provincial jurisdiction. This view holds that provinces may deliver health care in any fashion they deem desirable. I do not subscribe to this view myself because I believe there is a constitutional and national role for the federal government to ensure that all Canadians in all regions have citizenship rights to equal access to medicare services. But this decision — perhaps needlessly — has fuelled further the debate about which level of government is responsible for what policies and programs in Canada.

The Supreme Court's decision witnessed the court move from deciding questions of constitutional law to matters of major public policy. Why? Were a few members of the Supreme Court in search of a mandate to venture into the world of politics? Seems so, and they did it in such a thunderous way! This remarkable level of activism on the part of the court troubles even many of those who are sympathetic to the end result.

Where's the Evidence?

ONE PERPLEXING DIMENSION TO THIS DECISION IS THAT THE MAJORITY FOUND QUEBEC LAWS banning private health insurance to be arbitrary and they did so based on the evidence they had before them. But the evidence they heard was not from the millions of Canadians who receive great health care from public medicare and who, notwithstanding their concerns about its future, continue to support it. Rather the evidence they reviewed came from others; for example, the Canadian Medical Association and individual physicians unhappy with the constraints of public medicare. Granting intervenor status to senators, armed more with opinion than evidence, was odd in this regard. In the majority opinion, McLachlin, C.J. and Major, J. write, "The evidence that the existence of the healthcare system would be jeopardized by human reactions to the emergence of a private system carries little weight." However, we are entitled to ask on what specific evidence is this statement made. Were unsubstantiated opinions offered by some interveners taken as fact?

Let's consider a few of the major studies that have chronicled the healthcare system in the United States, a system which, according to 2003 data compiled by the Organisation for Economic Co-operation and Development (OECD), spends 15 per cent of its GDP on health care. In Canada, by contrast, this figure amounts to 9.9 per cent — despite the fact that our vast geography and uneven demographics do us few favours in terms of economies of scale.

In a study on medical bankruptcies in the United States, which accounts for half of all bank-

ruptcies in that country, David Himmelstein, et al, report that in 2001, between 1.9 and 2.2 million Americans filed for bankruptcy because of medical causes. Moreover, another study reveals that, in 1999, the cost of paperwork for health care in the United States amounted to \$1,059 US per capita, per year while in Canada, the figure was \$307 Cdn per capita, per year. These differences demonstrate the inefficiencies associated with private for-profit delivery.

The implied conclusion that timely access to healthcare services will be improved with the establishment of a parallel private scheme flies in the face of all of the evidence with which I grappled for 18 months as royal commissioner.

This gathering of evidence also closely examined those schemes that sought to graft the private onto the public. Today, this is described as the so-called "third-way," neither public nor private but a mixture of both. It has arisen because we are told that no one wants the American

model. However, the proposed "third way" model has been tried and found wanting.

Still, proponents of private delivery advocate more of it, citing European — often non-existent hybrid — examples. Is this valid?

According to the OECD, in 2000 the average cost for health expenditures paid by the public sector was approximately 80 per cent. The comparison with other industrialized countries indicates that Canada is hardly the exception with respect to the public share of total health expenditures. In fact, Sweden, Germany, France and the United Kingdom all have larger public healthcare sectors than Canada.

Canada devotes around 10 per cent of GDP to health care. In this we are very close to several European countries: Germany and Switzerland consume over 11 per cent of GDP and Norway and France around 10.5 per cent. But, the United States is at 15 per cent of GDP and some reports have it reaching 19 per cent by 2014. So, where are the cost efficiencies? Where is the greater

"fairness" the court is purportedly seeking?

The key point is this: if the ultimate objective is to inject substantial change in medicare, then there needs to be evidence to justify these changes.

Most important, whenever private pay has been layered upon a public system, there has been a drift of human resources to the private side, providing timely care for the few and making it worse for the many.

Accordingly, one may ask, does the Supreme Court of Canada now replace the professional healthcare providers in making these complicated determinations?

Where Are We Headed?

WE KNOW THAT IN NOVEMBER OF THIS YEAR, ARDENT SUPPORTERS OF THE CHAULLI decision will meet to discuss how to expand on this decision, legally and politically, in order to develop a parallel private healthcare system.

Predominantly, the Chaoulli decision suggests that the measure of a good healthcare system is centred on the amount of time that someone is on a waiting list. While this is important, I believe a values-based healthcare system encompasses much broader criteria. Take, for example, the characteristics of a good and fair healthcare system as laid out by the World Health Organization. WHO suggests that health consists of: (a) overall health — meaning the population is relatively healthy; (b) fair distribution of good health — meaning citizens have access to services regardless of where they happen to reside; (c) high degree of responsiveness — in terms of responding to people's expectations; and (d) fair distribution of healthcare financing — meaning that people are not excluded from receiving adequate service because they are unable to pay for it.

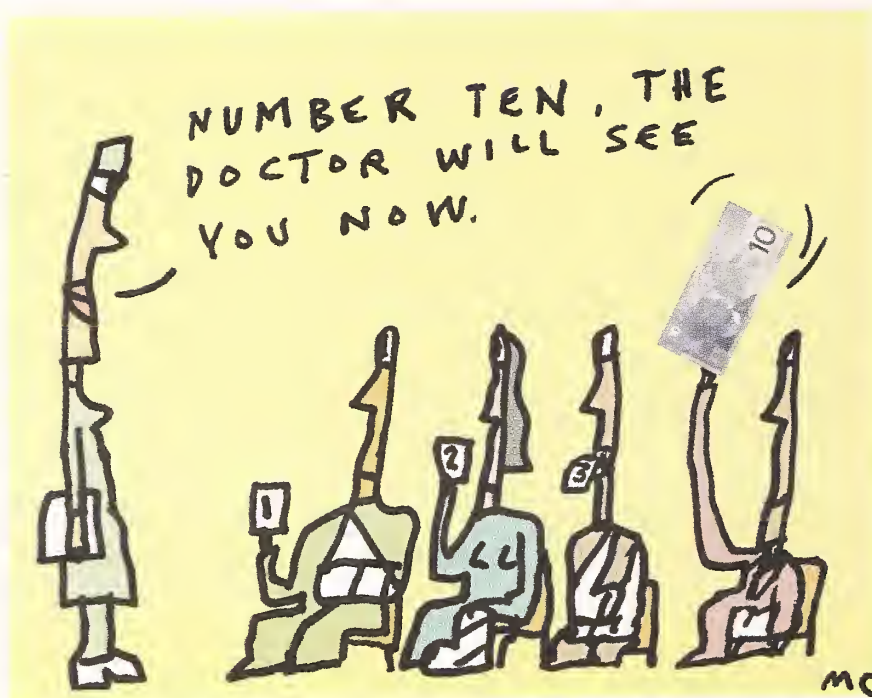
The wait list issue must be seen and dealt with in the context of overall reforms and health outcomes.

In sum, the court's decision should be a clarion call to all — practitioners, policy experts, legal experts and especially the public and the politicians they elect — to get on with badly needed reforms to medicare before those clamouring for its destruction gather more momentum.

We must return to evidence-based arguments and most important of all, demonstrate respect for the values of Canadians. We must strike the proper balance between the community and the individual.

Hopefully the court will recalibrate in this direction and recognize that this decision was an aberration, not a move towards a broader mandate.

Martin Luther King Jr. once said, "Of all the forms of inequality, injustice in health care is the most shocking and inhumane." I believe that Canadians overwhelmingly share this sentiment. As a result, the rumours regarding the death of medicare are greatly exaggerated. I believe Canada will find the courage to reform and sustain its most cherished social program.



MIKE CONSTABLE